## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits  | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------|-------|---|---|---------------------|---------|---------------------|
| S1   | 2     | "20020141392"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/03/03<br>15:20 |
| S2   | 8     | ((TATSUYA) near2 (NAKAZAWA)).INV.   | US-PGPUB;<br>USPAT                                      | OR                  | ON      | 2009/03/03<br>15:21 |
| S3   | 26    | ((ATSUSHI) near2 (MURASHIMA)).INV.  | US-PGPUB;<br>USPAT                                      | OR                  | ON      | 2009/03/03<br>15:21 |
| S4   | 119   | ((KAZUNORI) near2 (OZAWA)).INV.   | US-PGPUB;<br>USPAT                                      | OR                  | ON      | 2009/03/03<br>15:21 |
| S5   | 22503 | (370/351,352,353,389,400,401.cds.)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/03/03<br>16:23 |
| S6   | 15477 | S5 and (@pd<"20030930" or @ad<"20030930" or @prad<"20030930" or @prad<"20030930" or @prad<"20030930") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/03/03<br>16:23 |
| S7   | 5834  | (line near2 switch\$2) with network   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/03/04<br>07:25 |

| \$8 | 33450  | (packet near2 switch\$2) with network  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:26 |
|-----|--------|--|---|----|----|---------------------|
| S9  | 22503  | (370/351,352,353,389,400,401.ccls.)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:26 |
| S10 | 15477  | S9 and (@pd< "20030930" or @ad< "20030930" or @prad< "20030930" or @rlad< "20030930" or @ptad< "20030930") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:26 |
| S11 | 186    | S10 and S7 and S8  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:26 |
| S12 | 124915 | (code or encode or decode) near data   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:27 |
| S13 | 22     | S11 and S12  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:27 |
| S14 | 26327  | ((line or circuit)near2 switch\$2) with network  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:29 |

| S15 | 26327   | ((line or circuit) near2 switch\$2) with network | US PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:29 |
|-----|---------|--|---|----|----|---------------------|
| S16 | 74      | S8 and S10 and S15 and S12                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ÖN | 2009/03/04<br>07:30 |
| S17 | 1516809 | (delay or late or lost or tardy)                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:32 |
| S18 | 57      | S16 and S17                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:32 |
| S19 | 0       | JP-2001326724-\$.DID                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>07:36 |
| S20 | 2903    | error near2 conceal\$4                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>10:23 |
| S21 | 0       | S16 and S20                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>10:23 |

| S22 | 11    | S9 and S10 and S15 and S20  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>10:24 |
|-----|-------|---|---|----|----|---------------------|
| S23 | 9774  | ((packet or ip) near2 network) with (pstn or (phone<br>near2 network))                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:40 |
| S24 | 9     | (((packet or ip) near2 network) with decode) same (pstn or (phone near2 network) with encode)           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:41 |
| S25 | 22503 | (370/351,352,353,389,400,401.ccls.)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:42 |
| S26 | 15477 | \$25 and (@pd<"20030930" or @ad<"20030930" or @prad<"20030930" or @rlad<"20030930" or @ptad<"20030930") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:42 |
| S27 | 4     | \$24 and \$26   | US-PGPUB;<br>USPAT; EPO;<br>UPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:42 |
| S28 | 3     | (((packet or ip) near2 network) with decode) same<br>((pstn or (phone near2 network)) with encode)      | US-PGPUB;<br>USPAT; EPO;<br>UPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:43 |

| S29 | 0     | S28 and S26  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:43 |
|-----|-------|--|---|----|----|---------------------|
| S30 | 3     | (((packet or ip) near2 network) with decode) and ((pstn or (phone near2 network)) with encode)               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ÖN | 2009/03/04<br>14:43 |
| S31 | 52    | (((packet or ip) near2 network) same decode) and ((pstn or (phone near2 network)) same encode)               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:44 |
| S32 | 22    | S31 and S26  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/04<br>14:44 |
| S33 | 22539 | (370/351,352,353,389,400,401.cds.)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:55 |
| S34 | 15481 | S33 and (@pd<"20030930" or @ad<"20030930" or<br>@prad<"20030930" or @rlad<"20030930" or<br>@ptad<"20030930") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:55 |
| S35 | 15481 | S34  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:55 |

| S36 | 983    | (line near2 switch) near2 network      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:56 |
|-----|--------|--|---|----|----|---------------------|
| S37 | 59478  | PSTN                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:56 |
| S38 | 3950   | \$34 and (\$36 or \$37)                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:56 |
| S39 | 208670 | error near2 (correct\$4 or conceal\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:57 |
| S40 | 425    | S38 and S39                            | US-PCPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:57 |
| S41 | 5376   | (packet near2 switch) near2 network    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:57 |
| S42 | 38684  | 10                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:57 |

| S43  | 332625 | iP   | US-PGPUB;<br>USPAT; EPO;<br>UPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:57 |
|------|--------|--|---|----|----|---------------------|
| S44  | 370    | S40 and (S41 or S43)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:57 |
| \$45 | 567468 | (code or encode or decode) with (packet or data)                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:58 |
| \$46 | 249    | S44 and S45  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:58 |
| \$47 | 353596 | timer  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:59 |
| S48  | 52     | S46 and S47  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:59 |
| S49  | 1469   | (generate or create or reconstruct) with ((miss\$3 or lost) near (data or code)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:59 |

| 350 | 0     | S48 and S49  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>12:59 |
|-----|-------|--|---|----|----|---------------------|
| S51 | 5577  | 370/401.ccls. and (@pd<"20030930" or<br>@ad<"20030930" or @prad<"20030930" or<br>@rlad<"20030930" or @ptad<"20030930") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ÖN | 2009/03/05<br>14:44 |
| S52 | 2082  | S51 and (((circuit or line) near2 (switch or network)) or PSTN) and ((packet near2 (switch or network)) or IP)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:45 |
| S53 | 2907  | error near2 conceal\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:45 |
| S54 | 4     | S52 and S53  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:46 |
| S55 | 7     | S51 and S53  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:48 |
| S56 | 72976 | decode and encode  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:49 |

| S57 | 147   | S52 and S56   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:49 |
|-----|-------|---|---|----|----|---------------------|
| S58 | 41406 | (decode and encode) same data   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:49 |
| S59 | 87    | S52 and S58   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>14:49 |
| S60 | 25361 | (370/216,217,351,352,353,389,400,401.ccls. or<br>455/73.550.1,560.ccls.)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>15:00 |
| S61 | 17770 | (370/216,217,351,352,353,389,400,401.ccls. or<br>455/73.550.1,560.ccls.) and (@pd<"20030930" or<br>@ad<"20030930" or @prad<"20030930" or<br>@rlad<"20030930" or @ptad<"20030930") | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>15:00 |
| S62 | 6100  | S61 and (((circuit or line) near2 (switch or network)) or PSTN) and ((packet near2 (switch or network)) or IP)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>15:00 |
| S63 | 15    | S62 and S53   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/05<br>15:00 |

| S64 | 3  | ((TATSUYA) near2 (NAKAZAWA)).INV. and (error or delay).clm.            | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/05<br>15:15 |
|-----|----|--|---|----|----|---------------------|
| S65 | 10 | ((ATSUSHI) near2 (MURASHIMA)).INV. and (error or delay).clm.           | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/05<br>15:16 |
| S66 | 48 | ((KAZUNORI) near2 (OZAWA)).INV. and (error or delay).                  | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/05<br>15:17 |
| S67 | 10 | ((KAZUNORI) near2 (OZAWA)).INV. and ((error or delay) and packet).cim. | US-PGPUB;<br>USPAT                                      | OR | ON | 2009/03/05<br>15:17 |
| S68 | 93 | "5872058"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>14:39 |
| S69 | 7  | "5873058"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/28<br>14:39 |

## 9/28/2009 2:54:11 PM

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